



Dutch  
Metrology  
Institute

# Facts Sheet Interlaboratory Comparison

Calibration of a pressure meter, range 0 ÷ 5 MPa

## Contact details:

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The Netherlands

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## Information about the artifact to be circulated:

A pressure meter unit, Pressure gauge based on capacitive pressure sensor, manufactured by VSL,  
Resolution: 0.000 1 bar ( $p < 10$  bar), 0.001 bar ( $p \geq 10$  bar).

## Calibration points:

0, 0.7, 1.4, 2.1, 2.8, 3.5, 4.2 and 5 MPa (increasing & decreasing)

## Reference laboratory:

VSL, the Dutch National Metrology institute (traceability of the reference values is guaranteed)

## Estimate number of participants:

Minimum number of participants: 6  
Maximum number of participants: 10-12

## Measurements protocol:

Will be provided with the artifact, participants have two weeks to perform the calibration

**Fee:** € 695.00  
Prices (EUR) are exclusive VAT and shipping costs

## Evaluation:

Evaluation by  $E_n$  value.  
All participants will receive a report and certificate of the interlaboratory comparison within two months after finalizing the comparison cycle.

## Accreditation:

The organisation of this Interlaboratory Comparison is in accordance with the requirements of the ISO/IEC-17043.

## Confidential statement:

"VSL keeps all data regarding the performance of individual participants, or groups of participants, strictly confidential. Data is accordingly protected and stored in areas on networks with restricted access. The relationship between results and the laboratories that submitted them will never be disclosed. Only the laboratory is granted access to its performance through the assigned code number."

## Schedule:

Registration until 1 April 2016  
Start of the comparison cycle May 2016  
Estimated end of the comparison is December 2016

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### Requirement 5.9 ISO/IEC 17025:

*Assuring quality of testing and calibration results:* The laboratory will have quality control procedures for monitoring test validity and calibrations undertaken. This monitoring will be planned and validated and may include the following:  
*participation in interlaboratory comparisons or proficiency-testing programmes.*



## Registration for Interlaboratory Comparison

### Calibration of a pressure meter, range 0 - 5 MPa Round 3

Organisation/Laboratory:	
Contact person	
Title:	
Name:	
Tel:	
E-mail:	
Correspondance address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	
Delivery Address	
Street: <i>(do NOT use a P.O. box here)</i>	
Postal code:	
City:	
State / Province:	
Country:	
Invoice Address	
Street / P.O. Box:	
Postal code:	
City:	
State / Province:	
Country:	

#### Participation in:

**ILC - 5 MPa - Round 3 € 695.00**

Purchase Order number:	
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**Registration until 1 April 2016, minimum: 6 participants, maximum: 10-12 participants!**

#### Note:

- VSL reserves the right to cancel the ILC in case the number of participants is smaller than anticipated
- No refunds will be given for failure to take part in the ILC
- Upon receipt of payment, the report will be published.
- General Terms and Conditions of VSL B.V. are applicable
- Prices (EUR) are exclusive VAT and shipping costs

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

#### Please return form to:

VSL, Peter van Otterloo, P.O. Box 654, 2600 AR Delft, The Netherlands  
Fax +31 15 261 2971 or E-Mail to [ComPass@vsl.nl](mailto:ComPass@vsl.nl)